

ABSTRACT

A wireless surveillance system that comprises a base station and surveillance devices, such as cameras. The base station comprises a radio frequency transceiver and a power transmitter including a first and second light source and means for directing the first light source in a desired direction. The power of the second light source is substantially lower than that of the first, and it is transmitted parallel around the light emitted by the first light source. The surveillance device comprises a radio frequency transceiver and a power receiver including a first photo-detector for receiving emitted light and a second photo-detector for detecting the light emitted by the second light source. The surveillance device transmits a control signal to the base station, which first switches on the second light source and, in response to the control signal received from the surveillance device, switches on the first light source.

(Figure 1)